

ABSTRACT

A high-strength hot-rolled steel sheet excellent in shape fixability having ferrite or bainite as the phase of the largest volume percentage, satisfying all of the following at least at 1/2 sheet thickness: a mean value of X-ray random intensity ratio in the orientation component group of $\{100\}\langle 011\rangle$ to $\{223\}\langle 110\rangle$ to X-ray random diffraction intensity ratio of at least 2.5; a mean value of X-ray random intensity ratio in the three crystal orientation components of $\{554\}\langle 225\rangle$, $\{111\}\langle 112\rangle$, and $\{111\}\langle 110\rangle$ to X-ray random diffraction intensity ratio of 3.5 or less; an X-ray intensity ratio to X-ray random diffraction intensity ratio at $\{100\}\langle 011\rangle$ of at least the X-ray random intensity to X-ray random diffraction intensity ratio at $\{211\}\langle 011\rangle$; and an X-ray random intensity ratio to X-ray random intensity ratio diffraction intensity ratio at $\{100\}\langle 011\rangle$ of at least 2.5, having at least one of an r-value of the rolling direction and an r-value of a direction perpendicular to the rolling direction of not more than 0.7, having an anisotropy $\Delta uE1$ of uniform elongation of not more than 4%, having an anisotropy $\Delta LE1$ of local elongation of at least 2%, and having an $\Delta uE1$ of not more than the $\Delta LE1$.